

REMARKS

Subsequent to the mailing of the Amendment Under 37 C.F.R. § 1.111 on July 24, 2002, this application was carefully reviewed. A further typographical error was detected on page 7 of the application. This Supplemental Amendment corrects this error. Entry of this Amendment is requested.

In view of the discussion and amendments presented here and in the first Amendment, it is respectfully submitted that the present application is in condition for allowance. Therefore, reconsideration and allowance are requested.

Applicants also enclose a marked-up version of the changes made to the specification by the current amendment.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Words to be added are indicated by underscore, while words to be deleted are indicated by ~~strikeover~~.

IN THE SPECIFICATION:

Please rewrite the paragraph beginning on page 7, line 11, as follows:

The following description briefly deals with a voltage reading method that is so called as a correlated double sampling (hereinafter referred to as CDS). If the circuit system shown in Figure 4 is perfect, the voltage that has been read during the period C must correctly correspond to the signal charge amount. In actual, however, during the period D after the resetting, the output voltage of the CSA 20 is not perfectly equal to the reference voltage GND, thereby causing the generation of an offset voltage. Such an offset voltage is generated due to (a) an offset or a flicker noise of the operational amplifier 20a and/or (b) a ~~field~~ feed through phenomenon occurred when the TFT (switching devices 18) and/or the reset switch 20c turn on and off. The ~~field~~ feed through phenomenon is essential to MOS switches. According to